

Welcome to this issue of the SWAMP Newsletter. Every few months we report the latest surface water ambient monitoring news from the State Water Resources Control Board and partners. We welcome your feedback at swamp@waterboards.ca.gov.

Spotlight on Regional Monitoring for Cyanotoxins

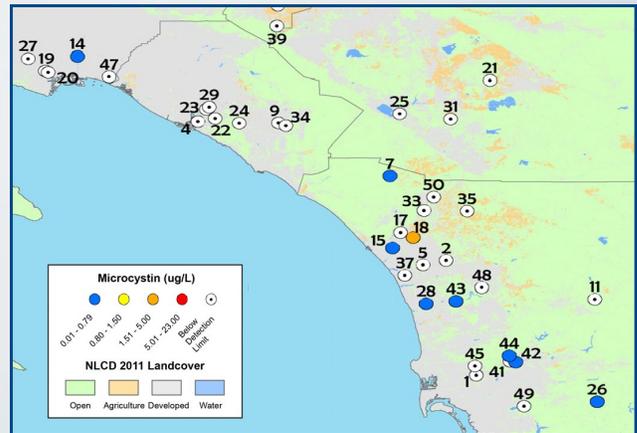
Using Innovative Technology to Monitor Freshwater Cyanobacteria Harmful Algal Blooms in the North Coast Region

By [Katharine Carter](#), [Lisa Bernard](#) and [Rich Fadness](#)
The North Coast Regional Water Board establishes a Cyanobacteria and Harmful Algal Bloom Monitoring and Response Program to monitor, assess, and report on benthic CyanoHAB conditions.
⇒ [Learn More](#)



Microcystin Prevalence throughout Lentic Water Bodies in Coastal Southern California

by [Carey Nagoda](#)
Multiple cyanotoxins were detected simultaneously in some waterbodies, indicating multiple stressors. The risks of which are uncertain because health thresholds are based on exposures to single cyanotoxins, indicating that cyanobacteria blooms are a more complex stressor than presently recognized and should be included in water quality monitoring programs.
⇒ [Learn More](#)



The OEHHA Fish Advisory Program by [Susan Klasing](#)

Since July 2015, OEHHA has issued more than 20 new or updated advisories for recreational waters throughout the state ⇒ [Learn More](#)

The 2017 Data Science Symposium's Presentations and Videos Now Available! ⇒ [Learn More](#)

California Aquatic Bioassessment Workgroup Meeting a Success!

by [Toni Marshall](#)

The 24th annual CABW meeting was held at UC Davis on October 24th-25th. ⇒ [Learn More](#)



The Reference Condition Monitoring Program (RCMP): A Network of California's Healthiest Streams

by [Andrew Rehn](#)



California's Reference Condition Monitoring Program has created a robust network of monitoring data from minimally disturbed streams throughout California. This network is the backbone of SWAMP's

Bioassessment Program, but it also provides critical context for other high priority issues including setting environmental flow requirements, assessing the impacts of climate change on ecosystem health and identifying high priority conservation areas. ⇒ [Learn More](#)

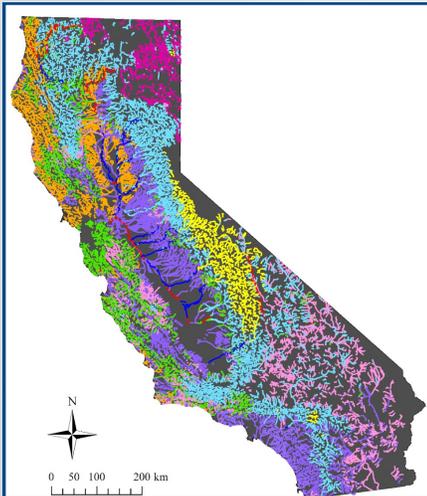
Assessing the Biological Condition of Intermittent and Ephemeral Streams in the San Diego Region

by [Raphael Mazor](#)

A pilot study in the San Diego region shows that assessment tools based on terrestrial invertebrates and mosses can be used to measure the health of intermittent or ephemeral streams, even when they are dry.

These assessment tools will provide more comprehensive watershed monitoring and support the integration of non-perennial streams in Waterboard programs.

⇒ [Learn More](#)



Statewide Hydrologic Classification Map Now Available

by [Eric Stein](#)

Statewide Hydrologic Classification Provides Foundation for Understanding Patterns of Condition and Stress.

⇒ [Learn More](#)

Informing Action and Tracking the Dramatic Water Quality Improvement in San Simeon Creek

By [Mary S. Hamilton](#)

For over a decade, nitrate fueled algal blooms and resulted in unhealthy conditions for fish and other aquatic organisms in San Simeon Creek. However, recent upgrades to nitrogen treatment at the nearby wastewater treatment facility resulted in nearly immediate improvement in the health of the creek. ⇒ [Learn More](#)

